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Brig *Romp* from *Cayenne* towards *Salem*

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks
1	6	1	North	Wester		Wednesday July 15 th 1840
2	6	1				Calm with gentle breeze & thick weather
3	6	1				then
4	6	1				All sail set to the best advantage
5	6	1				
6	5	1				
7	5	1				
8	5	1				
9	5	1				
10	6	1				Midnight clear & pleasant. Sounded
11	6	1				in 32 fath ^s fine black & white sand
12	5	1				At 12.30 Am Saw a Ship standing to the South ^W
1	5	1				At 1 Pm Spoke a Sh ^m from Portland
2	4			Wester		At 2 Pm Sounded in 38 fath ^s white sand
3	4					with small stones At 4 had 32 fath ^s bottom
4	4					shells At 6 had 25 fath ^s At 10 had 32 fath ^s
5	3	1				small pebbles
6	3	1				At 9 Am Spoke Bark Mante of Boston
7	3		N E	Wester		Long 69.20
8	3					
9	3					Loatten Part light breeze & pleasant
10	3					all sail set by the main
11	3					
12	3					Several fishing vessels in sight - Sounded
						in 42 fath ^s stones of Ch ^m

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
					41.17			69.08	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks
1	2		N E	Wester		Thursday July 16 th 1840
2	1					Calm with light air & calms
3	1					At 6 PM 43 sail of vessels in sight
4	1	1				
5	1	1				At 10 " Sounded in 62 fath ^s
6	2					
7	2		N W			
8	3					Midnight light air & pleasant
9	3					Sounded in 45 fath ^s
10	3					At 4 Am made Chatham lights
11	4		Wester			bearing N E & Casset lights
12	4					Wester
1	4		N W			
2	4					At 8 Am made Cape Cod light
3	4					House bearing N E
4	4					
5	4		N E	Wester		
6	4					Loatten Part light air,
7	4		N W			many fishing vessels in sight
8	4					
9	3		N W			At Meridian Cape Cod bore
10	2					South 2 Leagues distant
11	2		Wester			At 7 Pm Took a Pilot H way Rock west
12	2					At 9 Pm Arrived in Salem Harbor

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
					42.09			70.00	

Brig *Caritena* from *Salem* towards *Narranham*

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks.
1	10		SESE	Wln		At 10.40 Am Made sail from the wharf
2	10					up to sea At 11.15 P.M. Pilot left us
3	10		SE			Com strong winds from the NW with
4	10					cloudy rainy weather
5	10					
6	9	1				At 4 P.M. Cape Cod light house bore N. by E.
7	9					distant 10 miles. Several sail in sight
8	8	1				
9	8					
10	8					
11	7					
12	7					Middle Part gentle breeze & pleasant
1	7					set top Mast Studding sail & Royal
2	7					
3	6					
4	6					
5	6					
6	5					Pumping Ship every half hour
7	5					
8	4			SEW		
9	4		SESE			Latter Part pleasant with gentle
10	5					winds from S.W. smooth sea
11	6					
12	6					

Course.	Dist.	Diff. Lat.	Dep.	Lat by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long in.	Long. by Ob.
					41° 02'			67° 51'	67° 46'

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks.
1	6		SE by E	Wln		Com gentle breeze & pleasant
2	6					All sail set & the wind
3	6					
4	6					All hands employed stowing the
5	6					anchors on deck & the Chains below
6	6					
7	6					At 8 P.M. Strong breeze & cloudy took
8	6					in the top gale sail single reef
9	6					the top sail & Main sail
10	6					
11	6					
12	6					
1	6					Middle & Latter Part more
2	6					moderate with passing clouds
3	5					let the reef out & set the top gale
4	5					sail & Royal
5	5					
6	5					A Barge in sight standing to
7	5					the South & East
8	5					
9	5					
10	5		SE	SEW		Pumping Ship every half hour
11	5					
12	5					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long in.	Long. by Ob.
					39° 51'			65° 18'	

Brig Criterion from Salem towards Maranhham

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks
1	2		SE	SW		Com ^d light airs & cloudy
2	—					
3	—					
4	—					At 2 P.M. Calm took in the main sail
5	—					
6	—					At 8 .. light breeze from N.E. set the main sail
7	—					
8	2		SE	N.E.		At 10 took in the top gall sail
9	4					
10	5		SE			
11	5					
12	5					Middle Part fresh gales with heavy rain took in the fore and closed reef the sails
1	5					At 2 P.M. Hauled the fore sail & top sail Pumping Ship every fifteen minutes The Brig labouring harder through the night
2	4					
3	2					
4	2					
5	2					
6	2					
7	2					
8	2					Lighter Part wind, more moderate
9	2		E.N.E.	SE		Let the fore sail & close reef top sail
10	2					
11	3		N.E.			Com ^d with heavy rain
12	3					

Course. Dist. Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.

None

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks
1	3		N.E.	SE		Com ^d strong gales & squally the Brig labouring harder
2	3					
3	5		N.E.	East		Pumping Ship every fifteen minutes
4	5					
5	5		SE	N.E.		At 4 P.M. Tacked Ship to the SE. At 6 Double reef the main sail & top sail
6	5					
7	2					
8	2					At 8 wind hauled to the NW took in the main sail & spencer
9	2	1	SE	N.W.		
10	2	1				
11	3					
12	3					Middle Part more moderate with a heavy sea from the South
1	4					Morning passed a Ship lying to
2	4					
3	4					
4	4					
5	4					
6	5					
7	6		SE			Lighter Part strong winds & squally
8	6					let the reefs out the top sail set the main sail double reef
9	7					The ship in sight stands to the SE
10	7					
11	7					
12	7					

Course. Dist. Diff. Lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in Long. by Ob.

None

Brig Criterion from Salem towards Maranham

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks.
1	8		SE by E	Musky		Comm ^d strong breezes & cloudy
2	8					The Ship in sight astern
3	8					
4	8					
5	7	1				
6	7	1				
7	7	1	SE			
8	7					
9	6					
10	6					
11	5					
12	5					
1	4					Middle Part Moderate & pleasant weather
2	3					
3	2					
4	2		SE by E	Musky		
5	3					
6	3					Pumping Ship every fifteen minutes
7	4					
8	6					
9	7					Latter Part strong breezes at 11 AM
10	8					At 7 AM Let the Royal
11	8					The Ship in sight to the East ^d
12	8					

Course.	Dist.	Diff. Lat.	Dep.	Lat by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long in.	Long. by Ob.
					37° 47'			58° 43'	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks.
1	8		SE	Musky		Comm ^d with strong breezes & equally
2	8					
3	7					At 1 P.M. Took in the Royal & furled the Main sail
4	7					
5	7					
6	7					At 6 Doubled reef ^d the Main sail & set it
7	7					
8	7					
9	7					At 8 Let the Spencer
10	7					
11	7					Middle Part fresh gale, Doubled reef ^d the top sail & took in the Main sail
12	7					
1	7					
2	7					
3	7			SE		
4	7					
5	7					
6	7					
7	7					Latter Part fresh gales & pleasant with a rough sea
8	7					
9	7					A whale Ship with a broad white streak in sight standing to the SE
10	7					
11	7					Pumping Ship as usual
12	7					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long in.	Long. by Ob.
					35° 52'			56° 48'	

Brig Criterion from Salem towards Maranham

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks
Thursday Oct ^r 29 th 1840						
1	7	1	SESS	NNE		Continues fresh gales passing clouds
2	7	1				
3	7	1				
4	7	1				At 5 1/2 Close reef the Topsail and
5	8	1				further the Fore Sail. Let three reef Main
6	7	1				Sail & hauled in a wind
7	4		SESE	NE		Two Sail in sight
8	4					
9	4					
10	4					
11	4					
12	4					
1	4					Middle Part fresh gales with
2	4					a rough sea
3	3					
4	3					
5	3					
6	3					At 8 Am Breeze moderate let one
7	3					reef out the top sail & set the Fore sail
8	3					
9	7		SESS	ESE		Bottom Part fresh gales with passing
10	7	1				clouds
11	7	1				At 10 Am Took in the Main sail
12	7	1				Pumping Ship every fifteen minutes

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
					34° 14'			54° 16'	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks
Friday Oct ^r 30 th 1840						
1	6	1	SESS	ESE		Continues fresh gales & squally
2	6	1				
3	6	1				
4	6	1				
5	6	1				
6	6					
7	7		SESS			
8	7					
9	7					
10	7					
11	7					Middle Part as above
12	7					
1	6					
2	6					At 3 Am Let the Main sail double
3	6					reef
4	5					
5	5		SESS			
6	4	1				
7	4	1				
8	5					
9	4					
10	4					Ends gentle breeze & cloudy
11	3	1	SESS	East		all sail set by the wind
12	3	1				Pumping Ship every half hour

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
				32° 14'	None				

Brig *Criterion* from *Salem* towards *Narranham*

H	K.	H.K.	Courses.	Winds.	L.W.	Remarks.
						<i>Saturday Oct^r 31st 1840</i>
1	4	1	<i>Light</i>	<i>SESE</i>		<i>Carr^r more pleasant with the wind from the SE</i>
2	5					
3	5	1				
4	5	1	<i>Light</i>			<i>All sail set by the wind</i>
5	5	1				
6	5	1				
7	5					<i>At 6 P.M. Took in the Royal</i>
8	6					
9	6		<i>Light</i>			<i>At 8 took in the Top Gall Sail & single reef the Main sail</i>
10	6					
11	6					
12	6		<i>South</i>	<i>ESE</i>		<i>Middle Part fresh breeze and squally with sharp lightning to the South</i>
1	6					
2	6					
3	6					
4	6					
5	6					
6	6					
7	6					
8	5	1	<i>Light</i>			<i>Bottom Part gentle breeze & opening clouds - All sail set by the wind</i>
9	5	1				<i>Pumping Ship every hour</i>
10	5					
11	5					
12	5					

Course.	Dist.	Diff. Lat.	Dep.	Lat by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long in.	Long. by Ob.
					<i>29.40</i>			<i>53.16</i>	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks.
						<i>Sunday Nov^r 1st 1840</i>
1	5		<i>Light</i>	<i>SESE</i>		<i>Carr^r with strong breeze & squally</i>
2	5					
3	5					<i>At 4 P.M. Took in Top Gall Sail and reef the Main sail</i>
4	5					
5	5					
6	5					
7	4					<i>At 6 P.M. Single reef the Top Sail & took in the Gile</i>
8	4					
9	4					
10	4					
11	4					<i>Middle Part squally with heavy rain</i>
12	4					
1	3		<i>Light</i>			<i>At 4 Am Tacked Ship to the East^{er}</i>
2	3					
3	3					
4	3					
5	3		<i>Light</i>	<i>SESE</i>		
6	3					
7	3					
8	3					<i>Bottom Part fresh gales with a rough head beat sea</i>
9	3		<i>Light</i>	<i>SESE</i>		<i>Double reef the Top Sail & Main Sail</i>
10	3					
11	3					<i>Pump again every half hour</i>
12	3					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long in.	Long. by Ob.
					<i>28.32</i>			<i>52.50</i>	

Brig *Criterion* from *Salem* towards *Maranham*

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks
Monday Nov ²² 1840						
1	4		ESE	South		Begin squally attended with a
2	4		SESE	SEW		sharp head sea
3	4					
4	4		ESE			
5	4					At 2 Lost a reef out the top sail
6	3					
7	2		NE			At 3 Lost a reef from the main sail
8	3					set fore & top gall sail
9	4					
10	4		SW			At 7 Saw a large ship standing to the North
11	4					West
12	4					At 8 Ducked to the NE South & West
1	4		ESE	SEW		
2	4					Midnight squally with rain
3	4					Ducked to the South & West East
4	4					
5	4					Morning made all sail by the
6	4					wind
7	4					
8	4					
9	3					
10	3					Latter Part light air & cloudy
11	2					
12	2					Pump a going every half hour

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
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None

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks
Tuesday Nov ²³ 1840						
1	-	-	Calne			Com? Calm & rainy
2	-	-				
3	-	-				
4	-	-				
5	-	-				
6	-	-				At 6 PM A light breeze from the SE
7	2		SEW	SE		At 8 Set the main sail
8	3					
9	3		South	ESE		
10	4					
11	4					
12	5					
1	5					Midday Part strong wind & squally
2	5					with heavy rain took in top gall
3	5		SE			sail & fore & top gall
4	5					
5	4		SE			
6	4					
7	4		SEW	SE		
8	5					
9	5		SEW			Latter Part more moderate made
10	5					all sail by the wind
11	5					
12	5					Pumping ship every half hour

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
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None

Boat Criticism from Salem towards Narragansett

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks.
1	4		Hydr	ESE		Com ^d strong breeze equally with
2	4					regin. Frigate in Top Galt Sail
3	4					& Double Mast the Top Sail & Main
4	4					Sail
5	4					
6	4					
7	4		Hydr			
8	4					
9	4		Hydr			
10	4					
11	3		Hydr			
12	3					
1	3		ENE	SE		Midnight Frigate in the East
2	3					
3	3					
4	3					
5	3					
6	3					
7	3					
8	4					
9	4					Latter Part fresh breeze with rain
10	5					squall, let the Top Galt Sail
11	5					set the Sail
12	5					Pump again every half hour $\frac{1429}{1539}$

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
					27.12			57.12	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks.
1	4	1	Hydr	SESE		Com ^d with strong breeze equally with
2	4	1				a rough sea on
3	4	1				
4	4	1				
5	4	1				At 5 P.M. Let the Top Galt Sail
6	4	1				
7	4	1				
8	4	1				
9	4	1	ENE	SE		
10	4	1				Middle Part pleasant with passing
11	3	1				clouds
12	3	1				
1	4	1				
2	4	1				
3	4	1				
4	4	1				
5	4	1				Pumping ship every half hour
6	4	1				
7	4	1				
8	4	1				
9	4	1				Latter Part Clear & pleasant
10	4	1				all sail set by the wind to the ENE
11	4	1				
12	4	1				$\frac{100}{1539}{1639}$

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
					27.48			49.35	

Brig *Courier* from *Salem* towards *Maranham*

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks
1	4		<i>E by N E 1/2 S</i>			<i>Friday Nov 7th 1840</i>
2	4					<i>Com^d gentle breeze pleasant weather</i>
3	4					
4	4					
5	4					<i>All sail set by the wind</i>
6	4					
7	4					
8	4					
9	4					
10	4					
11	4					
12	4					
1	5		<i>E S E 1/2 S</i>			
2	5					
3	5					
4	5					
5	5					
6	5					<i>Pumping ship every half hour</i>
7	5					
8	5					
9	5					
10	5					
11	5					
12	5					

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Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
					<i>28.08</i>			<i>47.25</i>	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks
1	5		<i>E S E 1/2 E</i>	<i>South</i>		<i>Saturday Nov 7th 40</i>
2	5					<i>Com^d fine breeze pleasant weather</i>
3	5					<i>All sail set by the wind</i>
4	5					
5	5					
6	5					
7	5					<i>Employees wrapping the Dicks</i>
8	5					
9	5					
10	5					
11	5					<i>Middle Part pleasant</i>
12	5					
1	5					
2	5					
3	5					
4	5					
5	5					
6	5					
7	5					
8	5					<i>Latent Part squally with rain</i>
9	5					
10	5		<i>E S E 1/2 E</i>	<i>South</i>		<i>Pumping ship every fifteen minutes</i>
11	5					
12	5					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
					<i>27.49</i>			<i>45.01</i>	

Brig *Continence* from *Salem* towards *Newark*

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks.
1	b		SESE	SE		<i>Sunday Nov 8th 1840</i>
2	b					
3	b					
4	b					All these 24 hours gentle breeze & pleasant weather
5	f	/				
6	f	/				
7	f		ESE	South		All sail set by the wind
8	f					
9	4	/				
10	4	/				
11	4					
12	4					
1	4					
2	4					
3	4					
4	4					
5	4					
6	4					
7	4	/	ESESE			Pumping ship every half hour
8	4	/				
9	f					
10	f					Let the Gaff Top Sail
11	f					
12	f					

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1991

Course.	Dist.	Diff. Lat.	Dep.	Lat by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long in.	Long. by Ob.
					27.25			42.14	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks.
1	f		ESE	SE		<i>Monday Nov 9th 1840</i>
2	f					
3	f					Com ^d with gentle breeze & pleasant weather
4	f					
5	f					All sail set by the wind
6	f					
7	f					
8	f					
9	f	/				
10	f	/				
11	b					
12	b					
1	b		ESESE			Middle Part strong winds and passing clouds - Took in Gaff Top Sail & Royal
2	b					
3	f	/				
4	f	/				
5	f		ESSE	South		
6	f					
7	f					
8	f					
9	f					
10	f					Latter Part gentle breeze and passing clouds
11	f		ESE			Pump going every half hour
12	f					

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Course.	Dist.	Diff. Lat.	Dep.	Lat by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long in.	Long. by Ob.
					27.10			40.11	

Brig *Criterion* from *Salem* towards *Maranham*

II. K. H.K. Courses. Winds. L.W. Remarks *Tuesday Nov^r 10th 1840*

1	5		SESE	SEW		<i>All these 24 hours gentle breeze with fine pleasant weather</i>
2	5					
3	5					
4	5					
5	4	1				
6	4	1				<i>All sail set by the wind</i>
7	4	1				
8	4	1				
9	4	1	ESE			
10	4	1				
11	4	1				
12	4	1				
1	4					
2	4					
3	4					
4	4					
5	4		SE			
6	4					
7	3	1				
8	3	1				
9	3		ESE			
10	3					
11	3					
12	3					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
					26.38			38.20	

H. K. H.K. Courses. Winds. L.W. Remarks *Wednesday Nov^r 11th 1840*

1	3		ESE	South		<i>Con. with light air & pleasant weather</i>
2	2					
3	2					
4	2					
5	2					
6	1		South. North			<i>All sail set by the wind</i>
7	1					
8	1					
9	1					
10	1					
11			Calm			<i>Middle Part Calm</i>
12						
1						
2						
3						
4						
5	1		West SEW			
6	1					
7	1					
8	3					<i>Bottom Part light air</i>
9	2	1	Wly S SEW			
10	2	1				
11	2	1				
12	2	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
					26.21			38.16	

Brig *Criterion* from *Salem* towards *Maranham*

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks.
Thursday Nov ^r 12 th 1840						
1	/	/	ESE	South		Calm with light airs & pleasant weather At P.M. Tacked Ship to the South & East
2	/	/	ESE	South		
3	/					
4	/					
5						
6		/	ESE			
7		/				
8						
9						
10						
11						
12						
1						Middle Part Calm
2						
3	/	/	ESE			
4	2					
5	/	/	ESE			
6	/	/				
7	/	/				
8	/	/				
9	2					Latter Part light winds & pleasant
10	2	/	ESE			Pumping ship every hour -
11	2	/				
12	2	/				

Course.	Dist.	Diff. Lat.	Dep.	Lat by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long in.	Long. by Ob.
					26.14			38.05	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks.
Friday Nov ^r 13 th 1840						
1	2		ESE	SE		Calm with light airs & pleasant weather All sail set by the wind
2	2					
3	2					
4	2					
5	/	/				
6	/	/				
7			Calm			
8						
9	/		ESE	South		
10	/					
11	2					Middle Part light airs
12	2					
1	2					
2	2					Caught several fish
3	2					
4	2					
5	/	/				
6	/					
7	/					
8	2					
9	2					Latter Part gentle breeze with fine pleasant weather
10	2					Pumping ship every hour the water comes out as clean as it is a long while
11	3		ESE	SE		
12	3					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long in.	Long. by Ob.
					26.12			37.13	

Brig *Criterion* from *Salem* towards *Maranham*

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks
1	3	1	E.S.	South		Com ^d with light breeze, pleasant weather. All sail set by the main.
2	4					
3	4					
4	4					
5	4					
6	4					
7	4		E.S.E.			At 8 P.M. Tacked Ship to the West
8	3	1				
9	3	1	W.S.			
10	3	1				Middle Part Moderate
11	3	1				
12	3	1				
1	3	1	West			
2	3	1				
3	4		E.S.E. S.W.			
4	3					At 2 A.M. Tacked Ship to the S.E.
5	4	1				
6	4	1	E.S.E.			
7	4	1				Morning A Brig ^t in sight to the Westward & standing to the South
8	4	1				
9	4	1	E.S.E. S.W.			
10	4	1				Latter Part gentle breeze and pleasant
11	4	1				
12	4	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
					25° 50'	1/2 P.M.		33° 53'	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks
1	5		E.S.E. S.W.			Com ^d with gentle breeze, pleasant weather. All sail set by the main. The Brig ^t in company bearing away from us.
2	5					
3	5		E.S.			
4	5					
5	5		E.S.E. S.W.			
6	5					
7	5					At 2 P.M. Spoke the Brig ^t S.E. of our buttress. 31 days from Chatham.
8	5	1				
9	5	1				
10	6					A large ship with pointed port in sight standing to the N.E.
11	6					
12	6					
1	6					Middle Part squally, took in the Gaff Top Sail & Royal
2	6					
3	6					
4	5	1				At 3 A.M. Passed the Brig ^t S.E.
5	5	1				
6	5					
7	5					Morning the breeze fresh breeze with fresh clouds
8	5	1				
9	6					
10	6					Pumping ship every half hour
11	6					
12	6					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
					24° 42'	P.M.		33° 56'	

Brig Crittenden from Salem towards Maranham

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks.
Monday Nov ^r 16 th 1840						
1	6		SE	SE		Con st brisk breeze with squally appearances, took in Gaff Top, Laid & Royal
2	6					
3	5	1	SE 1/4 S			
4	5	1				
5	5					
6	5					
7	5		SE			
8	5					
9	5					
10	5					
11	6					Middle Part fresh breeze & cloudy
12	6					
1	6					
2	6					
3	6					
4	6					
5	6					
6	6					
7	5					
8	5					
9	5		SE 3/4 S			
10	5					A Bank in sight standing to NE Latter Part more moderate set the Gaff Top, Laid & Royal Pumping ship every hour by Clock
11	4	1				
12	4	1				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
					23.43	1/4 N		31.24	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks.
Tuesday Nov ^r 17 th 1840						
1	4		ESE	SE		Con st with light winds & pleasant weather, at 10 o'clock stood for the North
2	4					
3	3		SE			
4	3					
5	3		SE			
6	2		West			
7	2					
8	2			SE		
9	2					
10	2		SE			
11	1					Middle Part Calm
12	1					
1						
2						
3						
4						
5						
6						
7	1					
8	1					
9	3		SE 1/4 S	SE 1/4 E		
10	4					Latter Part fine breeze from the SE with a heavy swell from the North Pumping Ship every two hours
11	5					
12	5					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
					23.11	1/4 N		31.10	

Brig *Criterion* from *Salem* towards *Maranham*

H. K. H.K. Courses. Winds. L.W. Remarks *Wednesday Nov^r 18 1840*

1	5	/	SE by N	ESE		<i>Com^d gave orders & pleasant weather with no heavy swell from the N. by E. Set top & main strong sail.</i>
2	6	/				
3	6	/				
4	7	/				
5	7	/		ESE		
6	7	/				
7	7	/				
8	7	/				
9	7	/				
10	7	/				
11	7	/				
12	7	/				
1	8	/				<i>Midday Latter Part strong trades with puffing clouds.</i>
2	8	/				
3	8	/				
4	8	/				
5	8	/				
6	8	/				
7	8	/				
8	8	/				
9	8	/				
10	8	/				
11	8	/				
12	8	/				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
					<i>21.13</i>	<i>19th</i>		<i>31.22</i>	

H. K. H.K. Courses. Winds. L.W. Remarks *Thursday Nov^r 19 1840*

1	8	/	SE by N	ESE		<i>All there 24 hours strong trades & rainy weather.</i>
2	8	/				
3	8	/				
4	8	/				
5	8	/				
6	8	/				
7	8	/				
8	8	/				
9	8	/				
10	8	/				
11	8	/				
12	8	/				
1	8	/				<i>All sail set off the wind.</i>
2	8	/				
3	8	/				
4	8	/				
5	8	/				
6	8	/				
7	8	/				
8	8	/				
9	8	/				
10	8	/				
11	8	/				
12	8	/				

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
					<i>17.06</i>	<i>19th</i>		<i>32.25</i>	

Brig *Criterion* from *Salem* towards *Marathon*

II.	K.	H.K.	Courses.	Winds.	L.W.	Remarks.
						<i>Friday Nov^r 20th 1840</i>
1	8		<i>Steady S E & E</i>			<i>All these 24 hours brisk trades with thick hazy weather All sail set off the wind</i>
2	8					
3	8					
4	8					
5	8					
6	8					
7	7	/				
8	7	/				
9	7	/				
10	7	/				
11	7	/				
12	7	/				
1	7	/				<i>Pumping ship every hour</i>
2	7	/				
3	7	/				
4	7	/				
5	7	/				
6	7	/				
7	7	/				
8	7	/				
9	7	/				
10	7	/				
11	7	/				
12	7	/				

Course.	Dist.	Diff. Lat.	Dep.	Lat by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long in.	Long. by Ob.
					<i>14.18</i>	<i>19th 1/2</i>		<i>33.43</i>	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks.
						<i>Saturday Nov^r 21st 1840</i>
1	7		<i>Steady S E & E</i>			<i>All these 24 hours brisk trades with pumping clouds All sail set off the wind.</i>
2	7					
3	6					
4	6					
5	6					
6	6					
7	6					
8	6					
9	6					
10	6					
11	6					
12	6					
1	6					<i>Pumping ship every hour</i>
2	6					
3	6					
4	6					
5	6					
6	6					
7	6					
8	6					
9	6					
10	6					
11	6					
12	6					

Course.	Dist.	Diff. Lat.	Dep.	Lat by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long in.	Long. by Ob.
					<i>11.25</i>	<i>19th 1/2</i>		<i>34.50</i>	

Brig Criterion from Salem towards Maranham

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks
1	b		Gulf S NESE			<p>Sunday Nov^r 22nd 1840</p> <p>All these 24 hours gentle trades with passing clouds</p> <p>Pumping ship every two hours</p>
2	b					
3	b					
4	b					
5	b					
6	b					
7	b					
8	b					
9	b					
10	b					
11	b					
12	b					
1	b					
2	b					
3	b					
4	b					
5	b					
6	b					
7	b					
8	b					
9	b					
10	b					
11	b					
12	b					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
					9.44	10 th 1/2		35.50	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks
1	b		Gulf S NESE			<p>Monday Nov^r 23rd 1840</p> <p>All these 24 hours gentle trades with passing clouds</p> <p>All sail set off the wind</p> <p>Employed painting house outside</p> <p>Pumping ship every two hours</p>
2	b					
3	b					
4	b					
5	b					
6	b					
7	b					
8	b					
9	b					
10	b					
11	b					
12	b					
1	b					
2	b					
3	b					
4	b					
5	b					
6	b					
7	b					
8	b					
9	b					
10	b					
11	b					
12	b					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
					7.33	10 th 1/2		37.02	

Brig *Criterion* from *Salem* towards *Moranham*

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks.
1	6		Half S	SE		Con. with gentle breeze, passing clouds
2	6					
3	6					
4	6					
5	5					At 4 P.M. Squally with Thunder, Lightning & heavy showers of rain. Took in all the light sails
6	5					
7	5					
8	4					
9	4					
10	4					
11	3					Middle Part light baffling breeze, gradually with rain
12	3					
1	3					
2	3					
3	-		Calm			
4	-					
5	-					
6	-					
7	3		Half S	E NE		
8	3					
9	4					
10	3					Latton Part light breeze, passing clouds. All sail set off the line
11	3					
12	3					

Course.	Dist.	Diff. Lat.	Dep.	Lat by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long in.	Long. by Ob.
					6.31	1 PM		37.41	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks.
1	4		Half S	NE		Con. with light breeze, with squally appearances
2	4					
3	4					
4	4					
5	4		Half S	SE		At 4 P.M. Took in the sheet sail
6	4					
7	4	1				
8	4	1	Half S			
9	5					
10	6					
11	6			SE		
12	6					Middle Part fresh breeze, with passing squalls of rain
1	7					
2	7					
3	7					
4	6					
5	6					This day fine on Easterly Current of 1 mile per hour
6	6					
7	6					
8	6					
9	5			ESE		Latton Part moderate breeze, All sail set off the line
10	5					Ship in sight standing to by the head
11	4					Purpose ship, many two hours
12	4					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long in.	Long. by Ob.
					5.24	1 PM		37.30	

Brig *Wentworth* from *Salem* towards *Marathon*

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks
1	4	1	July 1	ESE		Comm. with light variable winds, pleasant
2	4	1				
3	5					At 1 P.M. spoke with the ship <i>Charles</i>
4	5					at New Bedford Exp. Gardner from a
5	5					three years service in the Pacific with
6	5					1900 Bbls Green Oil, and 500 lbs of
7	5					best two Bbls Board, some Potatoes
8	5	1				& Onions
9	5	1				
10	5	1				
11	5	1				
12	5					
1			Calm			Middle Part squally with rain
2	3		July 2	ESE		
3	5					
4	5					
5	5	1				
6	5	1				
7	5	1				
8	5	1				Latter Part brisk breeze, pleasant
9	6					weather - All sail set off the wind
10	6					Pumping ship every two hours
11	6					This day experienced a strong N.E. 120
12	6					current of 1 1/2 knots per hour 2931-

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
					4° 06' N	19°		78° 12' W	

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks
1	6		July 3	ESE		
2	6					
3	6					All these 24 hours gentle trades
4	6					with pleasant weather
5	6					
6	6					
7	6					All sail set off the wind, a sharp
8	6					swell from the S.E.
9	6					
10	6					
11	6					
12	6					
1	6					
2	6					
3	6					
4	6					
5	6					
6	6					Pumping ship every two hours
7	6					
8	6					
9	6					
10	6					
11	6					
12	6					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.
					2° 06' N			79° 45' W	

Brig Criterion from Salem towards Manchester

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks.
1	6		9 9/16	SE		Latitude Nov 28 th 1840
2	6					All these 24 hours gentle trades with
3	6	1				passing clouds
4	6	1				
5	6	1				At 5 P.M. Took in the studding sails & braces
6	6	1				by the main
7	6	1	9 9/16	SE		
8	6	1				All this day we experienced a westerly
9	6	1				current of 1 1/2 knots per hour
10	6	1				
11	6	1				At 10 P.M. Equally appearances took
12	6	1				in the Royal & Gaff top sail
1	6	1				
2	6	1				
3	6	1				
4	6	1				
5	6	1				
6	6	1				
7	6					Morning set them again
8	6					Saw many Birds round
9	6					
10	6					Prising ship every two hours
11	6					152
12	6					4199
						4351

Course.	Dist.	Diff. Lat.	Dep.	Lat by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long in.	Long. by Ob.
					00° 26' 8"	1/2 P.M.			

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks.
1	6		9 9/16	East		Latitude Nov 29 th 1840
2	6					Evening gentle trades & pleasant weather
3	6					Got the anchors on the bow sheet
4	6					the chains
5	6					At 7 P.M. Let the studding sail
6	6					
7	6					Middle Port strong trades with pass
8	6					ing clouds
9	6					At 8 Am Laundered in 17 fathoms white sail
10	6					At 8 1/2 " Made the land bearing from
11	7					South to the 9/16
12	8					At 11 Am the Light-house on Isle St. Thomas
1	8					borne, 1/4 E & 2 leagues distant
2	8					Evening strong breeze & hoary. A Brig
3	8					in sight ahead
4	8					At 11 Am Passed a Brig heading to windward
5	8					
6	8					
7	8					
8	8					
9	8					
10	8					
11	8					
12	8					

Course.	Dist.	Diff. Lat.	Dep.	Lat by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long in.	Long. by Ob.
					2° 04' 8"			43° 28'	

Brig *Criterion* from *Salem* towards *Maranham*

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks
1	8		North	ESE		Monday. Nov ^r 30 th 1840
2	8					Clear with fresh breeze & passing clouds
3	8		West			All sail set to the N. by E. At 4 P.M. wind
4	8					Stacoloni bearing N. by E.
5	8		SW			
6	8					At 6 P.M. took in all the light sails
7	6					taken ship & stood to the South
8	6					At 7 P.M. Mount Stacoloni Light-borne
9	6					West. It shows a light of 30 seconds in about
10	6					five minutes of time
11	6					Middle land gentle breeze with pass-
12	6					ing clouds, taking ship every two hours
1	6					through the night
2	6					
3	6					At 4 Am. Kept off SW & made sail
4	6					At 6 made the Mount - hearse up
5	6		SW			SE for St. Marcos. At 9 made it
6	6					bearing SW. stood for it At 10 passed
7	7		SE			the St. Marcos 1 mile distant
8	7					At 11 took a Pilot for Maranham
9	8		SE			Port St. Antonio bearing SSE
10	8					At 12 Came to anchor at the Tranquia
11	7					gama. Received a visit & went on shore
12						

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in	Long. by Ob.

Brig Roxana from Mananahan towards Para

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks.
1						Tuesday Feb 9 th 1841
2						At 8 AM Got under weigh & stood
3						out to sea At 9 AM The Pilot left us
4						Made sail by the wind At 11 AM Let the
5						top Galt Sails At 10 Packed ship to the
6						S.E. At 11 AM St. Marcos bore S. the Pack
7						to the North
8						Wednesday Feb 10 th 1841
9						Com ^d gentle breeze & pleasant weather
10						At noon Made Mount Macdonia being
11						just by at the same time saw the light house
12						At 1 PM Packed ship to the S.E. At 4 PM
1						Packed to the North to Landeer in 8 fath ^{rs}
2						Mount Macdonia bore West At 6 PM
3						the Mount bore S. the Northmost
4						land Maly in sundy 8 fath ^{rs}
5						At 7 PM Packed to the S.E. Land 7 to 10 fath ^{rs}
6						At 10 Packed to the North " 12 to 13 "
7						At 5 AM Kept off ship At 7 AM
8						At 9 " Made the Island of St. Joan being
9						the 12 to 15 miles distant
10						Lat obs ^d 49° 5'
11						
12						

Course. Dist. Diff. Lat. Dep. Lat by D. R. Lat. by Ob. Varia. Diff. Long. Long in. Long. by Ob.

H.	K.	H.K.	Courses.	Winds.	L.W.	Remarks.
1						Thursday Feb 11 th 1841
2						Com ^d with light breeze & pleasant
3						all sail set to the N.W. in Land 12 to 20
4						fath ^{rs} At 10 PM stood to the West
5						At 6 AM stood to the N.W. & S.W. At 9
6						Made the land bearing from South to S.W.
7						At 11 AM Made Salinas bearing N.W.
8						At Meridian it bore S. the track in all
9						the light sail day off and on till
10						Morning At 7 AM a single light at Salinas
11						Land 10 to 15 fath ^{rs}
12						At 5 AM Salinas bore S.W. 6 miles distant
1						Kept off N.W. under all sail At 7 AM
2						Made the white sand spots to the S.W. after
3						passing these spots we made three bluff
4						points the third one is Pt. Sagia
5						At 11 AM Pt. Sagia bore S.W. Land 13
6						fath ^{rs} Steaming N.W. with the land just in
7						sight from the deck At 11 AM Made the
8						breakers on the Poragawa bearing S.W.
9						At 12.4 PM Made up S.W. & named the breakers
10						to the N.W. from the east of our own land. The
11						breakers At 2 PM Land Pt. Sagia At 5 PM
12						Bay de Sal At 8 PM Came to anchor
						in Bay de Antonio 6 fath ^{rs} under

Course. Dist. Diff. Lat. Dep. Lat by D. R. Lat. by Ob. Varia. Diff. Long. Long in. Long. by Ob.

At 5 AM Got under weigh & stood out to sea At 11 AM Came to anchor in Bay de Antonio

